

PROFESSIONAL CIVIL ENGINEER

CALIFORNIA
ARIZONA
NEVADA
NEW MEXICO
UTAH

PROFESSIONAL ELECTRICAL ENGINEER

CALIFORNIA

RAY E. LEWIS

CONSULTING ENGINEERING

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FELLOW ASCE
MEMBER WPCF
AMERICAN ARBITRATION
ASSOCIATION

December 13, 1988

California Regional Water
Quality Control Board
6809 Indiana Avenue
Suite 200
Riverside, CA 92506

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD	
NO.	DATE
	DEC 13 1988
KLE	
SLH	12/13
MMW	12/13

Attention: Mr. Robert Holub, Chief
Groundwater Investigation Section

Subject: American Electronics, Inc.

Dear Sir:

In reference to your letter of October 26, 1988 to Mr. R. F. Holland, President of American Electronics, located in Fullerton, the undersigned has been retained by the Company to provide the information requested by you to determine the source of the groundwater contamination affecting some of the wells in this geographic area. In the development of the proposed work plan presented herein, this office has contacted representatives of the Company, the Orange County Water District, the City of Fullerton, and the County Sanitation Districts of Orange County. Meeting with these representatives we have learned the following:

American Electronics

A brief inspection of the facilities revealed a very clean and professionally run operation. Copies of the Company's hazardous materials communications program were obtained which include a listing of all hazardous materials used in the operations. Copies are included in Attachment A to this letter report. Copies of recent hazardous waste manifests are also included as Attachment B.

California Regional Water
Quality Control Board
December 13, 1988
Page Two

Orange County Water District

The Water District is in their final phase of a soil vapor detection program to assist in the determination of the source of contamination in this geographic area. This final phase is scheduled to be completed by mid-January, 1989 with their report to be completed by the first part of February.

City of Fullerton

Copies of the City's well logs were obtained to determine groundwater depths in the vicinity of American Electronics. Copies of well logs are included herewith as Attachment C.

County Sanitation Districts of Orange County

This facility is under permit to the Sanitation Districts (Permit No. 2-1-140) for industrial discharges to the sanitary sewer system. This facility is in compliance with the District's permit requirements.

Proposed Work Plan

Enclosed, as Attachment D, is a plot plan of the plant facilities. Indicated on this plot plan is the location of three monitoring wells as suggested by you. To meet your requirements it is proposed that the following be implemented:

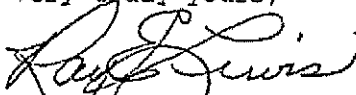
1. Construct three monitoring wells at the locations shown and in accordance with the attached well construction detail plan.
2. Soil samples be taken and analyzed by Associated Laboratories of Orange, CA. It is recommended that samples be taken at depths of 2', 5', 10', 15', 20', 50', and 100' below final grade at each location during the boring operation for the monitoring well installation. EPA analytical methods 8010 and 8020 will be performed on each sample taken for a total of 21 samples for the three borings.
3. At the conclusion of the well installation, groundwater samples will be taken and also analyzed using EPA method 624.

California Regional Water
Quality Control Board
December 13, 1988
Page Three

4. With assistance from your staff, a self monitoring program will be instituted to monitor the quality of the groundwater in the area.

Please review this suggested work plan and, if approved by your office, arrangements will be made to implement this program. If you have any questions, please do not hesitate to call.

Very truly yours,



Ray E. Lewis, P.E.

REL:hjb
cc: R. F. Holland
American Electronics

ATTACHMENT A
AMERICAN ELECTRONICS, INC.
HAZARDOUS MATERIALS COMMUNICATION PROGRAM

AMERICAN ELECTRONICS INC. HAZARDOUS MATERIALS COMMUNICATION PROGRAM

FULLERTON FIRE DEPARTMENT HAZARDOUS DISCLOSURE ORDINANCE DATE: 02-28-82

PRODUCT NAME CHEMICAL NAME	COMMON NAME A.T.R.	HAZ. COMPONENT-A	HAZ. COMPONENT-B	HAZ. COMPONENT-C	QTY USE	QTY STORAGE	LOCAT. STORAGE	HOW STORED	HAZ. RECORD CODE DATE	RECORD NUMBER
4197 ROSIN FLUX	SOLDER FLUX	ROSEN 37A	ISOPROPYL ALCOHOL 56%		1 PT	5 GA	VAR.	FL	SOLDERING	FL 02/12/82 220
4504 WIRE STRIPPER	LOWMO WIRE STRIPPER	METHYLENE CHLORIDE 67A	PHENOL 17A	AMMONIA HYDROXIDE	1 QT	1 GA	A-1	8	WIRE STRIPPER	OR 02/07/82 76
486 BLACK/WHITE INK/CHENIE	286 BLACK/WHITE INK	NAPHTHYLENE ACID, CERALY 38	MEDICACIDIC ACID 38	METHYL ETHYL KETOXIN 13%	1 QT	1 QT	B-9	11	IDENTIFICATION	CL 02/07/82 110
89 WHITE STAMP PAD INK	SAME	DIACETONE ALCOHOL 53%	RESINS 20 %	PIGMENTS 27.7%	1 PT	1 QT	B-7	11	IDENTIFICATION	CL 02/12/82 303
1.1.1-TRICHLOROETHANE "SM"	PHD-CORE 7502 82204	1.1.1-TRICHLOROETHANE			5 GA	55 GA	B-22	6	PAINT THINNER	OR 03/24/82 16
1000-02 SYNTHETIC REDUCER	SYNTHETIC REDUCER	TOLUENE 10%	WASP NAPHTHA 55%	ISOBUTYL ALCOHOL	5 GA	55 GA	A-22	6	PAINT THINNER	FL 02/07/82 48
1000-22AID PRIMER REDUCER	ACID ETCH REDUCER	ISOBUTYL ALCOHOL 8.0%	ISOPROPYL ALCOHOL 33%	PHOSPHORIC ACID 5.7%	1 PF	5 GA	J-17	11	PAINT	FL 06/12/82 58
10421 SOLVENT VARNISH	VARNISH SOLV. MENTHOL	XYLENE 75%	12-ETHOXYETHANOL 25%		NA	1 GA	B-2	11	POTTING/ENCAPS	FL 02/07/82 108
1100 SERIES BRKING ENAMEL	1100 BAKE ENAMEL	N-BUTYL ALCOHOL 5%	METHYL AMYL KETONE 7%	TRICHLOROETHANE 15%	5 GA	30 GA	J-17	11	PAINT	FL 06/12/82 53
12-0-12 INSUL. VARNISH	PEDIGREE 12-0-12 VARN	AROMATIC HYDROCARBON 50%	ALIPHATIC HYDROCARBON 40%		1 GA	2 GA	A,B-2	11	POTTING/ENCAPS	FL 02/07/82 99
1209 SOLVENT	12 MERRITONE INK SOL	ETHYLENE GLYCOL ETHER			1 QT	1 QT	B-9	11	IDENTIFICATION	CL 02/07/82 109
1200-08 LACQUER THINNER	1200 LACQUER THINNER	TOLUENE 25%	METHANOL ALCOHOL 25.25%	H.E.K. 30%	5 GA	55 GA	A-22	6	PAINT THINNER	FL 02/07/82 49
1200/1204PRIME COAT-CLEAR	RIV PRIMER 1200/1204	WASP NAPHTHA 45-85%	ORGANOSILICATE 5%	TOLUENE 19%	4 OZ	1 QT	B-3	8	GLUING/SEALING	FL 02/12/82 311
12417 DILADIN SATIN BLACK	DILADIN BLACK PAINT	2-BUTOXY ETHANOL 2.3%	2-PROPYL 46.3%	ETHYL ALCOHOL 5.1%	1 GA	4 GA	J-17	13	PAINTING	FL 02/12/82 315
1262 ACTIVATOR	ORGANIC ACID	NAPHTHYLENE CHLORIDE	FORMIC ACID		1 PT	NA	M-3	FL	POTTING	CO 02/07/82 36
1630-0102 URETHANE RESIN	1630 POLY. REDUCER	N-BUTYL ACETATE 47%	METHYL AMYL KETONE 9%	H.E.K. 24%	1 GA	20 GA	J-17	11	PAINT	FL 05/12/82 60
2000 SERIES LACQUER PAINT	2000 LACQUER PAINT	TOLUENE 15%	ISOBUTYL ACETATE 10%	ISOPROPANOL 45%	1 GA	30	J-17	11	PAINT	FL 02/07/82 50
2316CUL CLEARWATER 20711	KLEEN WHITE	HYDROCHLORIC ACID 23%	NONIONIC SURFACTANT		1 QT	5 GA	5 GA	FL	JENITORIAL	CO 02/10/82 226
300 SERIES DEVELOPER	SHARP COPIER DEVELOP	BASE METAL 14CM POWDER 75%	TONER 7%		1 QT	2 GA	VAR	11	PHOTO COPY	FL 02/12/82 244
300 SERIES TONER/PSY-101	SHARP COPIER TONER	VEHICLE ?? 90%	PIGMENTS 10%		1 QT	2 GA	VAR	11	PHOTO COPY	FL 02/12/82 243
3112 RIV SILICONE RUBBER	GCW 3112RIV SILICONE	NONE			1 LB	1 LB	C-6	13	POTTING/ENCAPS	NR 02/07/82 147
3140 RIV COATING	DC 3140 RIV SILICONE	NONE			NA	5 OZ	M-6	13	SEALANT	NR 03/16/82 302
3145 RIV COATING	DC 3145 RIV SEALANT	NONE								03/16/82 308
340 NEAT SINK COMPOUND	SAME	NONE			2 OZ	1 PT	VAR	11	CIRC. BRD ASSY.	NR 02/12/82 309
4000 SERIES ALKYL ENAMOL	4000 WATER REDUC. ENA	BUTOXY ETHANOL 16%	N-BUTYL ALCOHOL 8%	BUTYL CELLOSOLVE	1 GA	10	J-17	11	PAINT	FL 06/12/82 51
463-3-B.EPOXY FLAT BLACK	EPOXY FLAT BLACK	2-ETHOXYETHYL ACETATE	N-BUTYL ACETATE 10%	2-BUTOXY ETYPMOL 12%	1 GA	20 GA	J-17	11	PAINT	FL 06/12/82 63
463-3-25 EPOXY POLYIMIDE	EPOXY PRIMER BASE 7L	2-ETHOXYETHYL ACETATES-10	TOLUENE 5-10%	2-BUTOXY ETYPMOL 15%	NA	2 GA	A-17	11	PAINTING	FL 03/03/82 129
4863 ZINC CHROMIUM PRIMER	ZINC CHROMIUM PRIMER	BUTYL ALCOHOL 23%	ISOPROPYL ALCOHOL 50%	ZINC CARBONATE 8.6%	NA	2 GA	J-17	11	PAINT	FL 06/12/82 57
50-700R CAT-L-LINK BLACK	HYDOL BLACK INK	GLYCOL ESTER 80-85%	XYLOL(XYLENE) 80-15%	BIS A EPICHLOROL POLYMER	1 QT	1 QT	B-9	11	IDENTIFICATION	NA 02/07/82 95
9949 BAKE GLOSS ENAMEL	SAME	TOLUENE 3%	WASP NAPHTHA 70%	3,3,4,4-TETRAHYDRO-2H-PYRAN-2-OL	NA	1 GA	J-7	11	PAINT	FL 06/12/82 104
5302 A/B EPOXY RESIN	EPOXYLITE, 5302 EPOXY	PHENOLFORMALDEHYDE NOVALC	EPOXY BLEND	NA	NA	4 OZ	B-3	9	POTTING/SEALING	NR 03/02/82 158
6100/6200 POLYURETHANE I	POLYURETHANE PAINT	ACRYLIC/POLYESTERS 30%	TOLUENE 6%	CELLOSOLVE ACETATE 13%	1 GA	10	J-17	11	PAINT	FL 05/12/82 52
6156 POLYURETHANE CATALYST	61 POLY. PAINT CAT.				1 OZ	1 GA	J-17	11	PAINT	OR 06/12/82 53
6355 POLYURETHANE CATALYST	63 POLY. PAINT CAT.				1 QT	1 GA	J-17	11	PAINT	OR 06/12/82 54
6400/6500 POLYURETHANE	64 POLY. PAINT COMPI	POLYESTER POLYMER 3.5%	BUTYL ACETATE 50%	CELLOSOLVE ACETATE 8%	1 GA	5 GA	J-17	11	PAINT	FL 06/12/82 55
643-18-6 POLY PAINT COMPI	MIL-C-812689 COATING	TOLUENE 5%	METHYL ETHYL KETONE 30%	2-ETHOXYETHYL ACETATE 5%	1 GA	1 GA	J-17	13	PAINTING	FL 03/03/82 265
6455 MI-SLDS,URETHANE CAT	6455 POLY. CATALYST	TOLUENE BISOCYANATE	BUTYL ACETATE 25%	CELLOSOLVE ACETATE 10%	1 PT	1 QT	J-17	13	PAINT	FL 06/12/82 56
707A	GE 707A SEALANT, A	VINYLE TOLUENE 40%			NA	5 GA	B-3	11	POTTING/ENCAPS	FL 02/07/82 151
707B	G.E. 707 B CATALYST	OCUMULTICEROLITE 198%			NA	5 PF	B-3	11	POTTING/SEALANT	OR 02/07/82 152
751-F-2105 ELECT. VARNISH	PEDIGREE 711 VARNISH	AROMATIC HYDROCARBON 10%	ALIPHATIC HYDROCARBON 40%	PERMENTS 7%	1 GA	4 GA	A,B-2	13	POTTING/ENCAPS	FL 02/07/82 160
75 X BLACK	75X BLACK INK	ETHYLENE GLYCOL 15%	ISOPROPYL ALCOHOL 30%	PERMENTS 7%	1 PT	1 GA	B-10	13	IDENTIFICATION	FL 02/11/82 296
75 X RECONDITIONER	75X INK THINNER	BUTYL CARBITOL	ISOPROPYL ALCOHOL 30%	PHENOL 200 7%	1 PT	1 GA	B-10	13	IDENTIFICATION	FL 02/11/82 298
7526FLALNDY RESIN	G.E. BLUE EPOXY PAINT	XYLENE 45%	2-ETHOXY ETHANOL 41%	WASP NAPHTHA 10%	4 OZ	1 GA	B-3	11	POTTING/SEALANT	FL 03/03/82 153
76 DEVELOPER, PART "A"	76 DEVELOPER, PART	POTASSIUM HYDROXIDE 3-5%	POTASSIUM METACRYLATE	HYDROQUINONE 1-5%	5 GA	15 GA	23-4	PL	FILM DEVELOPER	NR 02/10/82 219
76 DEVELOPER, PART "B"	76 DEVELOPER, PART	TRITHYLENE GLYCOL 95%	ACETIC ACID 2%		5 GA	15 GA	23-4	PL	FILM DEVELOPER	NR 02/10/82 220
725-35,150 EPOXY VARNISH	PEDIGREE EPOXY VARN.	XYLENE 20-25%	12-ETHOXYETHANOL 25-45%		1 GA	1 GA	A,B-1	11	POTTING/IMPREG	FL 02/07/82 97
9922 EPOXY PRIMER PART A	CHEMGLAZE, EPOXY	XYLENE 10%	ZINC CHROMATE 30%	METHYLISOBUTYL KETONE 15%	NA	1 GA	J-17	13	PAINT	FL 06/12/82 65
9922 EPOXY PRIMER PART B	CHEMGLAZE, EPOXY	XYLENE 40%	PROPYLENE GLYCOL/ACETATES		NA	5 GA	J-17	13	PAINT	FL 06/12/82 67
9951 THINGLAZE(CHEMGLAZE)	9951 EPOXY PAINT THIN				NA	1 GA	B-17	13	PAINT THINNER	FL 04/13/82 81
997 VARNISH	90W 937 VARNISH	XYLENE 50%	PHENYLCTOCLOLOXANE 40.01%	PHENYLHEPTAMETHYLSILOXANE	1 QT.	5 GA	B-3	11	POTTING/ENCAPS	FL 03/03/82 148
998LENDH EC 22161C08	998LENDH EC 22161C08									03/03/82 256

AMERICAN ELECTRONICS INC. HAZARDOUS MATERIALS COMMUNICATION PROGRAM

FULLERTON FIRE DEPARTMENT HAZARDOUS DISCLOSURE ORDINANCE DATE: 02-28-80

PRODUCT NAME CHEMICAL NAME	COMMON NAME A.L.A.	HAZ. COMPONENT-A	HAZ. COMPONENT-B	HAZ. COMPONENT-C	QTY USE	QTY STORAGE	LOCAT. STORAGE	HOW STORED	HOW USED	HAZ. RECD CODE	RECD DATE	RECD NUMBER
METHYLENE CHLORIDE	DICHLOROMETHANE				1 GA	NA	K-2	11	STRIPPING EPOXY	FR	03/17/87	288
QUICK JEL	LOCTITE QUICK JEL				1??	1	NA	FL	GLUEING	NR	03/17/87	319
RETAINING COMPOUND 609	LOCTITE RC 609				15 ML	NA	A-11	11	GLUEING	NR	03/17/87	310
TECOHCAST 5166 PART A	5166 POTT. COMPND. A										08/08/86	324
TECOHCAST 5166 PART B	5166 POTT. COMPND. B										08/08/86	325
TSIL-1-GEL CATALYST	SILLY JEL CATALYST										05/06	280
TSIL-1-GEL POTTING COMPOUND	SILLY JEL				NA	1 QT	D-5	11	POTTING	NR	07/11/87	278
TSIL-1-GEL PROMOTER	SILLY JEL ACCELERATOR										05/06	279
TSILGARD 184 CURING AGENT	SAME				200CC	NA	J-8	11	SEALING/POTTING	NA	07/10/87	294
TSILGARD 184 RESIN	SAME										07/10/87	293
TORQUE SEAL	TORQUE SEAL 900				2 OZ	6 OZ	K-7	11	SEALING	CL	04/15/87	295
A-10 ELECTROLYTE	ELECTRO FLOR FLUID-A	NONE			4 OZ	1 PT	VAR	FL	IDENTIFICATION	NR	02/11/87	276
A-12 PART A	A-12 EPOXY PART A	EPICHLOROHYDRIN RESIN			1 OZ	1 LB	B-10	11	POTTING/GLUEING	NA	07/07/87	123
A-12 PART B	A-12 EPOXY PART B	POLYIMIDE RESIN			1 OZ	1 LB	B-10	11	POTTING/GLUEING	NA	07/07/87	124
A-1226-B ADHESIVE	RUBBER GLEE	TOLUENE 40%	HEXANE 30%	NA	1 GA	NA	K-6	6	GLUEING	FL	04/12/87	237
ABLEND 161-3	ABLEND 161-3 EPOXY	NA			NA	4 OZ.	B-2	13	GLUEING	NA	02/10/87	167
ABLEND 957 SERIES	ABLEND 957 EPOXY	ARYLSOCYANATE 70-80%	PLASTICIZER 20-30%	CELOIDAL SILICA 3-15%	NA	4 OZ.	B-2	13	GLUEING	NA	07/10/87	305
ABLEND 957-2	ABLEND 957-2 EPOXY	ARYLSOCYANATE 70-80%	PLASTICIZER 20-30%		NA	4 OZ.	B-2	13	GLUEING	NA	04/13/87	194
ABLEND 167-1	SILVER 167-1 EPOXY	BUTYL GLYCOL ETHER 12%	SILVER 80%		NA	4 OZ.	B-2	13	GLUEING	NA	02/10/87	166
ABLEND 167-2	927-2 BLK EPOXY BASE	TOLUENE 5%			NA	4 OZ.	B-2	13	POTTING/ENCAPSUL	FL	02/07/87	168
ACETONE (FRO-50EN) (83%)	ACETONE	ACETONE 100%			2-5GA	55 GA	B-23	6	CLEANING SOLVENT	FL	06/17/87	10
ACETYLENE WELD CRATE	SAME	ACETYLENE	ACETYLENE		3 CYL	2 CYL	J-21	4	CUTTING BRASSING	FG	03/04/87	228
ACID TEST SOL. #2	HYDROCHLORIC ACID				1 PT	2 QT	B-10	8	Q.C. TEST	CO	02/09/87	127
ACTIVATOR 50A (199212926)	ILFORD ACTIVATOR	SODIUM HYDROXIDE 5%	ETHYLENE DIAMINE 0.1%	SODIUM SULFATE 3%	1 PT	1 GA	22-7	FL	FILM DEVELOPER	CO	02/27/87	40
ACTIVATOR BA-1	EAGON BA-1 ACTIVATOR	PIPERIDINE 100%			NA	2 OZ	B-3	11	POTTING	FR	02/09/87	140
ACTIVATOR BA-2A	EAGON BA-2A CATALYST	CHLOROPIC ACID 1%	HEMIDIBASIC ACID 1%	MALEIC ANHYDRIDE 1%	NA	2 OZ	B-3	11	POTTING	FR	02/09/87	141
ACTIVATOR BA-42	EAGON BA-42 CATALYST	1,8-DIAMINO-P-NEUMANE 100			2 OZ	2 OZ	B-3	11	POTTING	CO	02/07/87	142
ACTIVATOR BA-45	EAGON BA-45 CATALYST	1,8-DIAMINO-P-NEUMANE 100	3-DIMETHYLANIMONETHANOL	PHENOL 0.01%	2 OZ	NA	B-3	11	POTTING	CO	02/07/87	143
ACTIVATOR BA-5	EAGON BA-5 CATALYST	ALIPHATIC POLYIMIDE 90%	SILICA 10%	CHROME/COBALT/ALUM. OXIDE	NA	NA	NA	NA	POTTING/GLUEING	OF	02/10/87	144
ADZOL (FORMERLY 50-100)	HYDOL BLK TRK THINER	DIEHTYLENE GLYCOL 15-35%	GLYCOL ETHER ACETATE 15%	DIFOPHYLURE METHYL ETHER	2 OZ	1 GA	J-8	11	IDENTIFICATION	CL	03/02/87	238
ADHESIVE 104-4	EAGON 104-4 EPOXY	DIGLYCARYL BISPHENOL A	CALCIUM CARBONATE 150%	SILICA 1%	NA	NA	B-3	11	POTTING/GLUEING	UR	02/10/87	146
ADHESIVE/SEALANT 242	LOCTITE 242 SEALANT	CUREN HYPERPEROXIDE 12%	PER TOLYCOL DIMETHACRYLATE	SACCHARIN 3-5%	1 PT	1 PT	B-7	13	GLUE	NA	02/27/87	79
ADHESIVE/SEALANT 6040F MY	LOCTITE MY SEALANT	POLYGLYCOL DIMETHACRYLATE	POLYGLYCOL DIOCTOATE 35-40	CUREN HYPERPEROXIDE 3%	1 PT	1 PT	B-7	13	GLUE	NA	02/07/87	79
ALL-EPITE ALUM. CLEANER	ALUMINUM CLEANER	SODIUM HYDROXIDE 15%			NA	5 GA	F-15	PL	COIL CLEANER	CO	02/09/87	30
ALUDINE 1201	ALUDINE				60 GA	5	G-9	11	METAL CHEM. COAT	OK	02/02/87	4
ALUMINUM ETCHANT 34	ETCHANT	SODIUM HYDROXIDE 50%			50 GA	10 GA	G-9	7	METAL CHEM. COAT	CO	02/02/87	6
AMMONIA, ANHYDROUS	AMMONIA GAS	AMMONIA 100%			30 GA	30 GA	H-18	4	FILM DEVELOPER	NG	02/10/87	137
ANTI-STAT FILM CLEANER	FILM CLEANER	1,1,1-TRICHLOROETHANE 100%			1 QT	NA	NA	11	FILM CLEANER	OR	02/10/87	226
APC CLEANER FORMULA	APC CLEANER	NONE			2 OZ	1 PT	VAR	FL	IDENTIFICATION	NR	02/11/87	275
ARCA AMMONIUM LITHIUM	NOT USED 3726	AMMONIA HYDROXIDE			NA	NA	NA	NA	NO LONGER USED	CO	02/09/87	23
ARCAJOL	MACHINERY CLEANER	2-BUTOXYETHANOL 1-7%	SODIUM SILICATE 5-10%		5 GA	25 GA	F-15	FL	GENERAL CLEANING	NA	02/07/87	37
AVIARY TEST SOLUTIONS	SAME	ACETONE 50-60%	ISOPROPYL ALCOHOL 40-60%		1 OZ	4 OZ	G-10	FL	Q.C. TEST	FL	02/07/87	126
B-142-11 INSULANT. VARNISH	B-142-11 VARNISH	XYLENE 35%	FORMALDEHYDE 12%	NA	4 OZ	1 GA	B-3	11	INSULANT/SEALANT	FL	03/03/87	155
B-6-264 INSULATING ENAMEL	INSULATING ENAMEL	XYLENE 53%	NA	NA	4 OZ	1 GA	B-3	11	INSULANT/SEALANT	FL	03/03/87	154
B-6-665 INSULATING ENAMEL	INSULATING ENAMEL	XYLENE 43%	NA	NA	3 OZ	1 GA	B-7	11	INSULATION	FL	03/03/87	261
BATTERIES, MET. ACID FILLED	SAME	SULFURIC ACID 10-30%	LEAD/LEAD OXIDE 60%	ARSENIC 1%	2 OZ	2 GA	L-8	17	POWER SUPPLY MTL	CO	07/10/87	182
BERYLLIUM METAL	BERYLLIUM	BERYLLIUM 100%			NA	NA	B-10	12	ASSEMBLY	FR	02/10/87	216
BLEACH	BLEACH/CHLOROX	SODIUM HYPERCHLORATE 5%	SODIUM CHLORIDE 5%		1 GA	10 GA	G-6A	PL	JANITORIAL	NA	02/10/87	264
BLEND 2646 SOLVENT	UNION 2646 SOLVENT	WMP NAPHTHA		N-POUT ACETATE	NA	NA	J-18	11	PAINTING	FL	02/03/87	187
BOLT RESIDUAL BUG KILLER	BOLT BUG SPRAY	URSABAN 0.25%	PYRETHRINS 0.08%	PIPERONOL BUTOXIDE 0.40%	NA	5 GA	F-13	11	JANITORIAL	FL	02/10/87	200
BONDERITE 723A	BONDERITE MAKEUP	HYDROFLUORIC ACID	NITRIC ACID	CHROMIC ACID	NONE	10 LB	G-9	11	METAL CHEM. COAT	OK	02/02/87	1

AMERICAN ELECTRONICS INC. HAZARDOUS MATERIALS COMMUNICATION PROGRAM

FULLERTON FIRE DEPARTMENT HAZARDOUS DISCLOSURE ORDINANCE DATE:02-28-88

PRODUCT NAME CHEMICAL NAME	COMMON NAME A.K.A.	HAZ. COMPONENT-A	HAZ. COMPONENT-B	HAZ. COMPONENT-C	QTY USE	QTY STORAGE	LOCAT. STORAGE	HOW STORED	HOW USED	HAZ. RECORD CODE DATE	RECORD NUMBER	
BONDERITE 7238	BONDERITE CATALYST	COMPLEXED CYANIDES			NONE	10 LB	6-9	11	METAL CHEM.COAT	01	02/02/87	2
BONDERITE 7238	BONDERITE	HYDROFLUORIC ACID	NITRIC ACID	CHROMIC ACID	NONE	10 LB	6-9	11	METAL CHEM.COAT	01	02/02/87	3
BONMASTER 6445 PPT 162	BONMASTER 6445	ACETYL CELLULOSE 25-254	EPDM ADHESIVE SOLIDS-754		1 QT 2 GA	6-1	11	11	POURING	CL	02/03/87	91
BRAYCO 7831MIL-M-4053 B)	RED HYDRAULIC FLUID	PETROLEUM SOLVENT 55-604			.5 GA 1 GA	8-12	FL	11	METAL FREE/COAT	01	02/03/87	87
BUG OFF (ANTIBLOCK FILLER)	BUG SPRAY	METHYLENE CHLORIDE 324	CELLULOSE ACETATE 4.24	BAYCON 0.424 (PROFEXUP)	NA	5 GA	F-13	11	JANITORIAL	FL	02/10/87	199
CAR-O-SIL/SILICA OXIDE)	EPDM FILLER	SILICON DIOXIDE 9744			1 LB NA	NA	9	9	POTTING/CLUEING	NA	02/10/87	159
CALCIUM CHLORIDE AMMONIUM'S	CALCIUM CHLORIDE	NONE			NA	10 LB	6-18	10	HAZ.WASTE TREAT	NA	02/10/87	160
CARTER'S 1950 TYP.FLUID	CARTER'S DUTY.FLUID	METHYL ALCOHOL 954			1 GA 1 GA	6-2	11	11	DUPPLICATION	FL	02/10/87	248
CASTALL C-34	C-300 CATALYST	N-PHENYLENE DIAMINE <404	DIMETHYLBIPHENYL METHANE <55		2 OZ 4 OZ	8-9	11	11	POTTING/SEALING	CO	03/13/87	302
CAT-110 (FLAT BLACK EPOXY	CAT-110 CATALYST	N.E.A. 25-304	N-BUTYL ACETATE 104	2-BUTYL ETHANOL 124	1 TP 1 GA	1-17	11	11	PAINT	FL	06/12/87	64
CATALYST 11	STYCAST 12651 CATALYST	N-PHENYLENE DIAMINE >104			4 OZ NA	8-1	8	8	INSULATION	CL	03/13/87	322
CATALYST 12-EN RED	ECCOFORM CATAL.	NONE			6 QT 1 QT	1-6	11	11	POTTING/SEALING	CL	03/04/87	254
CATALYST 17	STYCAST 2762 CATALYST	HEXAMETHOPHOSPHORIC ANHYDRIDE	PHENOLIC ANHYDRIDE <54		.5 PT NA	8-9	11	11	IDENTIFICATION	CL	02/09/87	56
CATALYST A.20 (HSS226)	1KX CATALYST.20/A	BUTYL CELLULOSE 40-504	TETRAETHYLENEPENTANENE <45		NA	20 LB	6-18	10	HAZ.WASTE TREAT	CO	02/10/87	169
CAUSTIC 500A AMMONIUM'S	SODIUM HYDROXIDE	SODIUM HYDROXIDE 1004			NA	NA	NA	NA	COPY MACH.FLUID	CL	02/03/87	163
CC-16,CC-18 PREMIX	WILCOB CC-16,18PREMIX	ISOPAR H 99.564			2 OZ 50 LB	8-7	9	9	METAL CLEANER	NA	02/03/87	165
CEE-FEE CLEANER HY-396	CEE-FEE 396	SODIUM CHROMATE <104			8 PT 5 GA	1-10	11	11	CONFOCA COATING	FL	02/03/87	111
CELLULOSE ACETATE	SAME	2-ETHOXYETHYL ACETATE			NA	55 GA	A-22	6	VARNISH THINNER	FL	03/11/87	20
CHEMCON 1200	1200 VARNISH THINNER	BUTYL ALCOHOL 304	PAPAFINS(NAPHTHENE)	XYLENE 64	NA	20 GA	11	11	LUBRICATION	CL	02/03/87	376
CHEMCON MULTI-MACH.OIL 45	444.MACHINE OIL	LUBRICATING OILS 50-954	DETERGENTS 5-L04	THICKENERS <14	3 OZ 6 OZ	1-21	4	4	REFRIGERATION	NA	03/04/87	305
CO2 LIQUID SYMONE TYPE	LIQUID CO2	CARBON DIOXIDE 1004	NA	NA	1 QT 1 GA	8-3	8	8	DEGREASING SOLV	01	02/07/87	17
COBLEN SPRAY SOLVENT	COBLEN SPRAY SOLVENT	CHLOROFORM 99.254			1 QT 5 GA	5 GA	11	11	JANITORIAL	NA	02/10/87	209
COMPLETE	FLOOR MAX	ACRYLIC POLYMERS 74			1 QT 1 GA	8-3	11	11	POTTING/CLUEING	FL	02/11/87	145
COMPOUND 24-C	BRON 24-C EPOXY	DIBLYCIDYL BISPHENOL A	LITHIUM ALUMINUM SILICATE TO	CAP SULFOSELENIDE <14	1 QT 1 GA	8-7	11	11	POTTING/ENCAPS.	FL	03/03/87	85
CONATHANE CE-1155 PART A	POLYURETHANE BASE	XYLENE 15-204	POLYGLYCOL ETHER ACETATE	POLYGLYCOL ETHER ACETATE	1 QT 1 GA	8-7	11	11	POTTING/ENCAPS.	FL	03/03/87	250
CONATHANE CE-1155 PART B	POLYURETHANE CATALYST	TOLUENE			1 QT 2 QT	8-7	11	11	POTTING/ENCAPS.	FL	02/03/87	26
CONATHANE EN-637 PART A/B	CONAP,POTTING COMPO	TOLUENE DIISOCYANATE	NO OTHERS LISTED 77		NA	1 PT	6-10		ELECTROPLATING	PB	05/04/87	259
COPPER COATLENE 814					60 GA 5 L	6-9	11	11	METAL CHEM.COAT	01	02/02/87	5
DECATIZER 7-17	DECATIZER 7	METHYLENE CHLORIDE 99.94			1 QT 1 GA	8-7	11	11	PLASTIC SOLVENT	01	02/03/87	177
DESOLV 292	9AM 292 PASTIC SOLV.	DIETHYLENETERIAMINE DIA			NA	NA	NA	NA	NOT USED	CO	02/03/87	173
DIETHYLENETERIAMINE	BETA 777	BENZOPHENONE TETRACARBON-	YLIC DIAMIDE <104	SILICON DIOXIDE 35-604	10 LB 25 LB	6-1	9	9	POTTING/FLUIDIZ	NA	02/06/87	118
DKA-03 GREEN	EPDM RESIN DKA-03	TOLUENE 94	XYLENE 9.244	METHYLENE CHLORIDE 224	3 CAP 1 GA	8-3	11	11	SEALER	FL	02/10/87	242
DOLPH-Spray AC-27 15	DOLPHS SPRAY SEALER	NONE			1 PT NA	8-7	8	8	LUBRICATION	NA	02/12/87	312
DOW CORNING 709 FLUIDJOK	DOW 200 SILICONE OIL	METHYL ALCOHOL 954			1 GA 1 GA	6-2	11	11	DUPPLICATION	FL	02/10/87	247
DUPPLICATING FLUID-FETEPAL	MEASCON DUTY.FLUID	BUTYL ACETATE 334	DEWATERED ALCOHOL 574	BUTYL ALCOHOL 44	1 QT 1 GA	6-5	11	11	LAYUP INK	FL	02/10/87	222
DYKEM BLUE-PY-100,SP-1000	DYKEM LAYUP INK	DEWATERED ALCOHOL 804			NA	1 GA	6-5	11	INK THINNER	FL	02/03/87	274
DYKEM THINNER 9139	SAME	EPICHLOROHYDRIN <0.14	BUTYL ACETATE 204		1 QT NA	X-9	11	11	POTTING/INSULAT	NA	02/11/87	301
E-500 PART A	CASTALL 300 EPOXY	ASBESTOS 144	EPICHLOROHYDRIN <0.14	815 4 EPICHLOROHYDRIN	1 OZ 1 LB	8-3	11	11	GLUING/SEALING	CL	02/12/87	91
EA 934 PART A.EPOXY	HYDOL EA 934 EPOXY A	DIETHYL ENETERIAMINE 134	METHYLENE DIAMINE 874		1 OZ 1 LB	8-3	11	11	GLUING/SEALING	CO	03/03/87	97
EA 934 PART B.CATALYST	EA 934 EPOXY PART B	TOLUENE DIISOCYANATE <10			1 QT 2 QT	M-6	11	11	POTTING/SEALING	FL	02/01/87	253
ECCOFORM EPH	SAME	METHYLENE CHLORIDE 704	FORMIC ACID 6-104	PHENOL 5-104	2 QT 1 GA	C-1	8	8	EPDM STRIPPER	CO	03/11/87	164
ECCOSTRIP 73	EPDM RESIN EA4215	EPICHLOROHYDRIN <104			1 PT 1 GA	C-2	11	11	POTTING/ENCAPS.	NA	02/09/87	114
EA4215(C-4215)	TITANIUM ELECTROLYTE	NONE			2 OZ 1 PT	VAR	FL	FL	IDENTIFICATION	NA	02/11/87	277
ELECTROLYTE FORMICA SPOL	BLUE EPOXY POWDER,51	SILICA SAND 30-404	AMORPHOUS SILICA <0.54	TITANIUM DIOXIDE <54	NA	NA	NA	NA	POTTING/ENCAPS.	FL	02/09/87	138
EPC 50 BLUE EPOXY POWDER	BLUE EPOXY POWDER,51	SILICA SAND 30-404	ANTIMONY TRIOXIDE <24	TITANIUM DIOXIDE <54	5 LB 25 LB	C-1	9	9	POTTING/ENCAPS.	NA	02/03/87	137
EPC 68-2 BLUE EPOXY POWDER	1210 FROZEN EPOXY	TRIMETHYLAMINE-904 (B)	OLEIC ACIDS -54 (B)	EPOXY RESINS 3504 (A)	2 CC 80 CC	B-2	11	11	GLUING	CO	05/04/87	237
EPIDOND 1210 A/B NONRESIVE	Q151 RESIN CATALYST	NONE LISTED			1 PT 1 QT	B-7,8	11	11	POTTING/ENCAPS.	NA	02/09/87	94
EPR 0150,PART B.CATALYST	151 EPOXY RESIN	BUTYL GLYCIDYL ETHER			1 QT 1 QT	B-7,8	11	11	POTTING/ENCAPS.	NA	02/09/87	93
EPK0151 PART A	SAME				100CM 1 QT	B-2	11	11	GLUING/SEALING	NA	03/17/87	329
EPOCAST 2273 "A"	SAME	HEXAMETHOPHOSPHORIC ANHYDRIDE	PHENOLIC ANHYDRIDE <54		100CM 1 QT	B-2	11	11	GLUING/SEALING	NA	03/17/87	330
EPOCAST 2293 "B"	SAME											

AMERICAN ELECTRONICS INC. HAZARDOUS MATERIALS COMMUNICATION PROGRAM

FULLERTON FIRE DEPARTMENT HAZARDOUS DISCLOSURE COMPLIANCE DATE:02-28-88

PRODUCT NAME CHEMICAL NAME	COMMON NAME A.P.A.	HAZ. COMPONENT-A	HAZ. COMPONENT-B	HAZ. COMPONENT-C	QTY USE	QTY STORAGE	LOCAT. STORAGE	HCN STORED	HOW USED	HAZ. RECORD CODE DATE	REC'D NUMBER
EPICASE 2793 "C"	EPON 828 EPOXY	DIMETHYLAMINO METHANOL	PHENOL 5%		10 GM 2 QT		A-2	11	GLUING/POURING	NR 03/17/87	331
EPON RESIN 828	SAME	EPICHLOROHYDROXIN RESIN			1 PT 1 PT		A-2	13	FOOTING/SEALING	FL 02/13/87	179
EPONLINE 351 "A"	BL17 EPOXY	DIGLYCIDYL BISPHENOL ETHER	BORON TRIFLUORIDE 45%		1 QT 1 QT		J-8	11	FOOTING/INSULAT	OR 02/11/87	249
EPONLINE 8117 PARTS "A/B"	WACCO DEVELOPER	BISPHENOL GLICIDYL ETHER	AROMATIC HARDENER		1 PT 1 GA		23-4	12	FILM DEVELOPER	NA 02/09/87	23
FG DEVELOPER	PHOTO DEVELOPER	HYDROQUINONE 1-5%	P-METHYLANISOPHENOLSULFAT		5 GA 5 GA		23-4	12	FILM DEVELOPER	NA 02/09/87	25
FLETJOL	FLOOR CONDITIONER	LOW TOXIC ORGANICS<0.5%	SEVERAL MOST HAZ.<0.8%	MIXED ADDITIVES<1%	2 QT 1 LB		E-6	10	JANITORIAL	NA 02/10/87	202
FLOOR CORPS NEUTRALIZER	WAX STRIPPER	CITRIC ACID	SODIUM CARBONATE		NA 1 GA		E-6	11	JANITORIAL	NA 02/10/87	203
FLOOR CORPS WAX STRIPPER	GC 250 PART	LEAD DIOXIDE 70%									180
GC 250 ACCELERATOR	GC 250 SEALANT	POLYSULFONE 10%	TOLUENE 5%	SULFUR 43%	NA NA		F-15	4	REFRIGERATION	OR 02/10/87	196
GC 250 SEALANT	FREON 22 REFRIGERANT	CHLORODIFLUOROMETHANE 100%			1 QT 1 QT		B-2	PL	FOOTING/ENCAPS	CO 03/05/87	255
BENETRON 22	CE4255 EPOXY CATALYST	DIMETHYLENEDIAMINE<50%	DIETHYLENEDIAMINE<50%	DIETHYLENEDIAMINE<50%	1 QT 1 GA		S-7	8	METAL CLEANING	FL 02/10/87	219
HB-3469	HEXAMETHYLENE GLYCOL	HEXANE 100%			1 GA 2 GA		B-1	11	FOOTING/INSULAT	FL 02/10/87	251
HEXAMETHYLENE GLYCOL	HE-1000 350 VARNISH	XYLENE 52%	ACETONE	N-BUTYL ACETATE	1 GA 5 GA		K-17	11	PAINTING	FL 02/10/87	195
HIGH EFFIC. THINNER#1516	HE-1000 350 VARNISH	ISOPROPYL ALCOHOL	ACETONE	N-BUTYL ACETATE	1 GA 5 GA		K-17	11	PAINTING	FL 02/10/87	195
HOT DIP STOP COATINGS-EPI	DIPSEAL	MINERAL OIL 65%	BUTYL BENZYLPHOSPHATE 45%	PARAFIN WAX 45%	1 QT 1 GA		C3, K7	11	SEALING/INSULAT	FL 03/03/87	82
MINISEAL 1817 SEALER	ACRYLIC COPOLYMER	TOLUENE 55%	M.E.K. 25%	ACRYLIC-VINYL COPOLYMER	1 PT 2 GA		B-3	11	SEALING/INSULAT	FL 03/03/87	245
MINISEAL 1817 SEALER	SPRAY SEALER	TOLUENE 10%	M.E.K. 25%	CELLOSOLVE ACETATE 5%	2 LB NA		K-11	PL	FOOTING/SEALING	FL 02/11/87	252
MINISEAL 1817 SEALER	PCIE EPOXY	XYLENE 25%	CELLOSOLVE ACETATE 30%	TOLUENE DIISOCYANATE 1%	NA 25 LB		M-16	10	MOLDING RESIN	NA 02/10/87	282
MTOL PCIE	POLYESTER RESIN	BUTYLENE TEREPHTHALATE	ACIDIC ACID 85-90%		NA 4 QT		23-4	12	FILM DEVELOPER	CO 02/18/87	33
MTIEL 4056 POLYESTER	STOP BATH	ACIDIC ACID 85-90%			5 GA 10 GA		L-17	7	PACKAGING FOAM	OR 02/11/87	115
INDICATOR STOP BATH	INSTAFAX PART A	DIPHENYL DIISOCYANATE 50%	HIGH WEIGHT OLIGOMERS 50%		5 GA 10 GA		L-17	7	PACKAGING FOAM	OR 02/11/87	115
INSTAFAX COMPONENT A	INSTAFAX PART B	TRICHLOROETHYLENE 100%	DIETHYLENEDIAMINE 1.5%		1 PT 1 GA		L-17	11	CLEAN SOLVENT	CL 02/09/87	116
INSTAFAX COMPONENT B	CARBITOL	DIETHYLENE ETHER 100%			1 PT 1 GA		L-17	11	CLEAN SOLVENT	OR 02/09/87	117
INSTAFAX DUN SOLVENT	LACTONE	GAMMA-BUTYROLACTONE 100%			1 GA 2 GA		B-2	11	FOOTING/ENCAPS	FL 02/07/87	193
INSTAFAX PORT CLEANER	ISOMEL VARN. THINNER	XYLENE 25-35%	METHOXY PROPANOL 5-10%	ISOBUTYL ALCOHOL 5-10%	200 5 55 GA		A-27	6	ENCAPSULATION	FL 02/09/87	77
ISOMEL 472-66	ISOMEL 431 VARNISH	XYLENE 25%	MINERAL SPIRITS		5 GA 55 GA		B-23	6	CLEANING SOLVENT	FL 06/12/87	9
ISOMEL 431 VARNISH#11041	ISOPROPYL ALCOHOL TECH. GRADE	ISOPROPYL ALCOHOL 100%			1 PT 1 GA		A-7	PL	EPOXY STRIPPER	CO 02/09/87	34
ISOPROPYL ALCOHOL#11041	J-100 STRIPPER	METHYLENE CHLORIDE	HYDROCARBON SOLVENT 37%	PHENOLSULFONIC ACID	1 GA 5 GA		B-12	13	CUTTING OIL	OR 02/09/87	44
J-100 STRIPPER	SOLVENT, SPRAY MIST	ETHYLENE GLYCOL 1-5%	FATTY ACID SOAPS >50%	HYDROCARBON OIL >5%	2 GA 10 GA		C-6	PL	JANITORIAL	FL 02/10/87	193
JON-COOL 850	GLASS CLEANER	ISOPROPYL ALCOHOL 36%	ACETONE 1%	SURFACTANT 1%	1 QT 10 GA		S-6A	PL	JANITORIAL	NA 02/10/87	205
JE GLASS CLEANER	AL-101 CLEANER	SOLVENT 82%	ALKALI SOAPS 6%	SPEC. SURFACTANTS 0.7%	1 QT 5 GA		S-6A	PL	JANITORIAL	NA 02/10/87	207
AL-101 CLEANER	PLEEN LINE 45 DGER	AMMONIUM CHLORIDE 4%	NONIONIC SURFACTANT 4%	P-METHYLANISOPHENOLSULFAT	1 PT 20 LB		23-4	12	FILM DEVELOPER	OR 02/10/87	27
PLEEN PIRE 45	DEVELOPER D-75	HYDROQUINONE 1-5%	SODIUM ACETATE 5-10%	BORIC ACID 45%	1 GA 10 GA		23-4	12	FILM DEVELOPER	OR 03/05/87	30
KODAK DEVELOPER D-75	KODAK FIXER PART A	AMMONIUM THIOSULFATE	ALUMINUM SULFATE 15%		1 PT 1 GA		23-4	12	FILM DEVELOPER	CO 02/09/87	31
KODAK RAPID FIXER PART A	KODAK FIXER PART B	SULFURIC ACID 10-20%			1 PT 1 GA		A-14	11	SPRAY PAINTING	FL 02/09/87	135
KODAK RAPID FIXER PART B	RYLON SPRAYPAINT	ACETONE 37%	PROPANE 17%	M.E.T. 8-17%	1 PT 1 GA		C-3	5	GLUING	OR 02/09/87	136
RYLON EPI/INT. SPRAYPAINT	LOCOSIC PRIMER	TRICHLOROETHYLENE 98%	TRIALKYLAMINE CARBOXYLATE	CARBOXYLIC ACID 1%	2 QT 1 PT		C-3	5	GLUING	OR 02/09/87	136
LOCOSIC PRIMER #764-55,71	LOCOSIC PRIMER	(1,1,1-TRICHLOROETHYLENE) 100%	ISOPROPYL ALCOHOL 5-10%	ACRYLOPHOREN(20THIAZOLE)-3%	2 QT 1.5 GA		J-7	8	BOARDING ACCELER	OR 02/10/87	273
LOCOSIC PRIMER #747-47356	AA LOCITE SEALANT	CUMEN HYPERPEROXIDE >3%	POLYGLYCOLDIMEACRYLATES	SACCHARIN 1%	4 QT NA		NA	NA	GLUING METAL	NA 02/11/87	260
LOCITE AA WELD SEALANT	475 LOCITE	POLYGLYCOL DIMEACRYLATE	ETHYL CYANOACRYLATE 195%	HYDROQUINONE 0.5%	<1 PT 1 PT		FL	13	GLUE	OR 02/09/87	80
LOCITE SUPER BONDEN 475	COOLANT, GRINDING	NA			2 GA 5 GA		F-7	PL	CUTTING OIL	NA 02/09/87	47
COOLANT, GRINDING	LUBRI-BOND "A" AEROSOL	ACETONE 30%	XYLENE 7%	MOS2+GRAPHITE 4%	1 PT 5 PT		VAR	11	SEALANT/INSULAT	FL 02/11/87	275
LUBRI-BOND "A" AEROSOL	TAPPING COMPOUND				2.5 LB 1 LB		F-5	11	METAL TAPPING	NA 02/09/87	99
LUBRI-BOND TAP 2.0 PASTE	M-9-N	CARBITOL ACETATE>20%	EPICHLOR POLYMER 27%		.5 PT 10T		B-9	11	IDENTIFICATION	CL 02/09/87	88
M-9-N	M-9-N EPOXY INK	CARBITOL ACETATE>20%	HEXYL CARBITOL 2-4%		.5 PT 10T		B-9	11	IDENTIFICATION	CL 02/09/87	87
M-9-N	M-9-N EPOXY INK	DIETHYLENE GLYCOL 15-35%	COPPER PHOSPHATE 45-50%	BIS A EPICHLOR POLYMER	.5 PT 10T		B-9	11	IDENTIFICATION	CL 02/09/87	87
M-9-N BLACK (MEL-100)	HYDOL BLK. EPOXY INK	DIETHYLENE GLYCOL 15-35%			.5 PT 10T		B-9	11	IDENTIFICATION	CL 02/09/87	87
MAGNETON METAL SOLIDS	SAME	ETHYLENE GLYCOL 15%	ISOPROPYL ALCOHOL 30%	PIGMENTS 71%	1 PT 1 QT		B-7	11	IDENTIFICATION	FL 02/09/87	174
MARRING INK#1111/COLOR#1111	SAME	FRAGE SECRET			2 QT NA		K-9	8	GLUING	NA 02/12/87	327
METASTAP 303 ACTIVATOR	SAME	DIGLYCIDYL ETHER BIS A			1 LB NA		K-9	8	GLUING	NA 02/12/87	325
METASTAP 303 BASE											

AMERICAN ELECTRONICS INC. HAZARDOUS MATERIALS COMMUNICATION PROGRAM

FULLERTON FIRE DEPARTMENT HAZARDOUS DISCLOSURE ORDINANCE DATE:02-28-89

PRODUCT NAME CHEMICAL NAME	COMMON NAME A.K.A.	HAZ. COMPONENT-A	HAZ. COMPONENT-B	HAZ. COMPONENT-C	DTY USE	DTY STORAGE	LOCAT. STORAGE	HOW STORED	HOW USED	HAZ. RECD CODE DATE	RECD NUMBER
MEHTL ETHYL KETONE	M.E.K.	METHYL ETHYL KETONE 100%			2-56A	55 GA	B-23	6	CLEANING SOLVENT	FL	05/12/87 11
MINECH 1E-01 PPS40 CLEVER	MINECH 1E-01	HEXAHEPTAFLUOROANTHRACENE 33%			6 02	NA	B-7	8	METAL CLEANER	CO	02/10/87 221
MN MINING OIL	MONTMIN MINING OIL	MINERAL OIL 4%			28	55 GA	A-22	6	CUTTING OIL	CL	02/09/87 45
MOBILE DIE 74	DIE 24 OIL	MINERAL OILS 90-95%			10 5A	55 GA	B-22	6	LUBRICATION	CL	02/11/87 317
MOBILE DIE OIL 14, MED. WY	DIE LUBE OIL	MINERAL OILS 90-95%			NA	55 GA	B-22	11	LUBRICATION	CL	02/09/87 318
MOBILE VACUUM OIL 1447	VACUUM LUBE OIL	MINERAL OILS 90-95%			20 6A	125GA	A-22	12	LUBRICATING OIL	CL	04/27/87 131
MOBILE VACUOLINE 1407	VACUOLINE 1407	MINERAL OILS 90-95%			20 6A	10 GA	B-14	11	VAC. PUMP OIL	CL	07/10/87 134
MOBILE VACUUM PUMP OIL	VACUUM PUMP OIL	MINERAL OILS 100%			20 6A	10 GA	B-14	11	VAC. PUMP OIL	CL	02/10/87 185
MOBILE VELOCITE OIL 10		MINERAL OILS 90-95%			2 6A	5 GA	B-22	11	LUBRICANT OIL	CL	04/27/87 183
MOBILE GEAR 632	MOBILE 632 GEAR LUBE	MINERAL OILS 95%			10 1B	30 LB	B-14	11	LUBE GREASE	NR	02/10/87 166
MOLKOTE 557 SPRAY LUB.	MOLKOTE SPRAY LUB.	1,1,1 TRICHLOROETHANE 54%			1 PT	10 PT	VAR	11	LUBRICANT	FG	02/11/87 273
MS-111 STRIPPER	STRIPPER, EPOXY RESIN	1,1,1 TRICHLOROETHANE 54%			1 PT	1 GA	B-7	PL	EPOXY STRIPPER	CO	05/17/87 35
MS-122 MOLD RELEASE	MS-122 MOLD RELEASE	FORMIC ACID 6-10%			1 PT	2 GA	B-8	11	MOLD RELEASE	OR	02/10/87 239
MSC-1 ELECTROLYTE	MSC1 ELECTRO ETCH FL	NONE			4 02	1 PT	VAR	PL	IDENTIFICATION	NR	02/11/87 269
MSC-3 ELECTROLYTE	MSC3 ETCHING FLUID	NONE			4 02	1 PT	VAR	PL	IDENTIFICATION	NR	02/11/87 267
MSC-4 ELECTROLYTE	MSC-4 ETCH FLUID	NONE			4 02	1 PT	VAR	PL	IDENTIFICATION	NR	02/11/87 270
MUSTATIC ACID	HYDROCHLORIC ACID	HYDROCHLORIC ACID >30%			NR	6 GA	B-18	PL	HAZ. WASTE TREAT	CO	02/10/87 191
N,N-DIMETHYLFORMAMIDE, DMF	FORMAMIDE, N,N DIMETH	1,1,1 TRICHLOROETHANE 54%			NA	NA	NA	NA	NOT IN USE	CL	02/03/87 75
NICKEL CATALYST 13		PHOSPHORIC ACID 5%			4 02	5 GA	B-10	PL	ELECTROPLATING	GR	05/04/87 213
NICKEL CATALYST 1310	ACID ETCH LIQUID	NICKEL CHLORIDE 13%			1 PT	1 GA	B-10	13	ELECTRO PLATING	GR	02/09/87 24
NICKEL CATALYST 1330 B		NICKEL SULFATE 2%			4 02	5 GA	B-10	PL	ELECTROPLATING	CO	05/04/87 214
NICKEL CATALYST 1312		COPPER SULFATE 10%			4 02	5 GA	B-10	PL	ELECTROPLATING	OR	05/04/87 215
NITROGEN GASEOUS, HI-PRESS.	GASEOUS NITROGEN	NA			3	6	B-21	4	CLEANING	NG	03/04/87 147
NITRIC ACID 30% FUME	NITRIC ACID	NITRIC ACID >55%			NA	15 GA	B-9	11	PLATING	CO	02/03/87 120
NITROGEN LIQUID	LN2				42 GA	125GA	B-22	5	REFRIGERANT	NG	01/04/87 130
NOT LOCK/GRATE CV	LOCITE, CV SEALANT	POLYGLYCOL DIMETHACRYLATE			42 GR	50 LB	B-7	6	METAL CLEANING	CO	02/10/87 211
OKALITE RD 126	OKALITE 126 CLEANER	SODIUM HYPOPHOSPHATE 20%			NA	1 GA	B-6	13	JANITORIAL	CO	02/10/87 209
OVEN CLEANER (12057)	SCAE	POTASSIUM HYPOPHOSPHATE 10.3%			3 02L	2 CIL	B-21	4	CUT, WELD, BRATE	EX	05/04/87 229
OXYGEN, WELD GRADE	OXYGEN	OXYGEN			4 02	1 GA	B-21	6	GLUE/BONDING	EX	02/10/87 235
PAPER STANDARD ACCELERATOR	PAPER,	DIMETHYL-P-TOLUIDINE<5%			2 02	NA	B-10	11	CIRC. BEATS ASST	NR	02/11/87 109
PC FLEX-MASK	MASK LISTEN	NONE LISTEN			30 GA	55 GA	B-22	6	DEGREASING SOLV	GR	03/05/87 15
PERCHLOROETHYLENE 2405	VAPOR DEGREASER	PERCHLOROETHYLENE 100%			2 02	2 07	VAR.	9	GLUE/BONDING	CL	03/03/87 234
PETRABOND 9105 ADHESIVE	PETRABOND 910 GLUE	METHYL METHACRYLATE 55%			1 PT	3 PT	B-21	12	FILM DEVELOPER	NA	02/10/87 32
PHOTO FLOW 200 SOLUTION	PHOTO FLOW 200	ACETYLENE GLYCOL			1 02	6 02	B-3	13	SEALANT	FL	03/03/87 139
PL 605-4	PLASTILUC 605-4	M.E.K. 35%			??	??	B-3	11	POTTING/ENCAPS	FL	03/03/87 287
PL-604	PLASTILUC 604	M.E.K. 65%			1 PT	1 PT	B-3	11	POTTING/SEALING	FL	02/07/87 134
PL1020ND 20	RUBBER POTTING COMPO	M.E.K. 70-80%			1 LB	2 LB	B-3	11	POTTING/SEALING	NR	02/07/87 133
PPS-SEAL 890 (BASE)	PPS-SEAL 890 (BASE)	TOLUENE 10%-15%			2 02	6 02	B-3	5	FOCK LIFT FUEL	LP	02/09/87 21
PPS-SEAL 890(ACCELERATOR)	PPS-SEAL890 CATALYST	MANGANESE DIOXIDE 60%			30 GA	600GA	B-17	5	EDGING/CLUEING	FL	02/11/87 262
PROPANE (LPG)	PROPANE	PROPANE			NA	1 PT	B-11	11	EDGING/CLUEING	NR	02/11/87 263
PS-30A ACRYLIC ADHESIVE	PS-30 PART	METHYL METHACRYLATE <5%			NA	2 02	B-11	PL	PAINTING	FL	03/03/87 233
PS-30B ACRYLIC ADHESIVE	PS-30B, CATALYST	DIBUTYLE PHTHALATE			1 GA	2 GA	B-11	11	PAINT	FL	05/12/87 49
PT-1002 PAINT REDUCER	PT-1002 THINNER	TOLUENE			<1 GA	4 GA	B-17	11	PAINT	CL	05/12/87 69
PT-329 AIR DRY ENAMEL	ALL EPOXY, TEL, DEP, DANG	MINERAL SPIRITS 34%			<1 GA	1 GA	B-17	11	PAINTING	FL	03/03/87 232
PT-329 AIR DRY ENAMEL	TEL, GRN, OLIVE DANG	MINERAL SPIRITS 34%			<1 GA	1 GA	B-17	11	PAINTING	FL	03/03/87 231
PT-500, EPOXY PAINT PRIMER	EPOXY PRIMER, PART A	M.E.K. 14%			NA	2 GA	B-19	11	PAINT	FL	03/02/87 70
PT-500, EPOXY PAINT CATALYST	EPOXY PAINT CATALYST	ETHYLE ACETATE 76%			<1 GA	1 GA	B-17	11	PAINT	FL	02/12/87 71
PT475, EPOXY PAINT COMP 1	P/T EPOXY PART A	M.E.K. 87%			1 01	NA	B-6	11	METAL CLEANER	CO	02/03/87 267
PT475, EPOXY PAINT COMP 11	P/T EPOXY PART B	ETHYLE ACETATE 76%			1 02	1 05	VAR	11	IDENTIFICATION	CL	02/12/87 314
QUALITY METAL CLEANER	BAKE	OXALIC ACID 2-3%									
QUICK DRY STAMP PAD INK	STAMP PAD INK	DIMETHYLENE GLYCOL 20%									